

# WITHDRAWN

Commercial Standard

14-51

SUPERSEDES CS14-43

## Boys' Sport and Dress Shirt (Woven Fabrics) Size Measurements

A RECORDED VOLUNTARY STANDARD OF THE TRADE

### COMMODITY STANDARDS

Simplified Practice Recommendations and Commercial Standards are developed by manufacturers, distributors, and users in cooperation with the Commodity Standards Division of the Office of Industry and Commerce, Bureau of Foreign and Domestic Commerce, and with the National Bureau of Standards.

The purpose of Simplified Practice Recommendations is to eliminate avoidable waste through the establishment of standards of practice for stock sizes and varieties of specific commodities that currently are in general production and demand. The purpose of Commercial Standards is to establish standard methods of test, rating, certification, and labeling of commodities, and to provide uniform bases for fair competition.

The adoption and use of a Simplified Practice Recommendation or a Commercial Standard is voluntary. However, when reference to a Commercial Standard is made in contracts, labels, invoices, or advertising literature, the provisions of the standard are enforceable through usual legal channels as a part of the sales contract.

A Simplified Practice Recommendation or a Commercial Standard originates with the proponent industry. The sponsors may be manufacturers, distributors, or users of the specific product. One of these three elements of industry submits to the Commodity Standards Division the necessary data to be used as the basis for developing a standard of practice. The Division, by means of assembled conferences or letter referenda, or both, assists the sponsor group in arriving at a tentative standard of practice and thereafter refers it to the other elements of the same industry for approval or for constructive criticism that will be helpful in making any necessary adjustments. The regular procedure of the Division assures continuous servicing of each effective Simplified Practice Recommendation and Commercial Standard, through review and revision, whenever, in the opinion of the industry, changing conditions warrant such action. Simplified Practice Recommendations and Commercial Standards are printed and made available by the Department of Commerce through the Government Printing Office and the Department of Commerce field offices.

UNITED STATES DEPARTMENT OF COMMERCE  
Charles Sawyer, Secretary



U. S. DEPARTMENT OF COMMERCE

CHARLES SAWYER, Secretary

BUREAU OF FOREIGN AND DOMESTIC  
COMMERCE

Office of Industry and Commerce

H. B. MCCOY, Director

IN COOPERATION WITH  
NATIONAL BUREAU OF STANDARDS

E. U. CONDON, DIRECTOR

# Boys' Sport and Dress Shirt (Woven Fabrics) Size Measurements

(FOURTH EDITION)

[Effective July 1, 1951]

NOTE.—The measurements of the shirts are based on the system of sizing in Commercial Standard 155-50, Body Measurements for the Sizing of Boys' Apparel (Knit Underwear, Shirts, and Trousers).

## 1. PURPOSE

1.1 The primary purpose of this commercial standard is to provide standard methods of measuring and standard size measurements for boys' sport and dress shirts, for the guidance of producers, distributors, and users. Another purpose is to base the shirt measurements for size on a system of standard body measurements that can be presented to the consumer as a guide in buying, and that will be uniform for boys' garments of all types.

## 2. SCOPE

2.1 This standard covers types of shirts, methods of measuring size designations, size measurements, and label information.

## 3. APPLICATION

3.1 The methods and measurements given herein are applicable to finished garments as delivered by the manufacturer.

## 4. GENERAL REQUIREMENTS

4.1 *Method of measuring.*—The garments to be measured shall be laid out without tension on a smooth flat surface so that creases and wrinkles will not affect the measurements.

4.2 *Accuracy.*—Measurements shall be taken to the nearest  $\frac{1}{8}$  inch.

## 5. STANDARD METHODS OF MEASURING, AND MEASUREMENTS

### 5.1 BOYS' SPORT SHIRTS.

5.1.1 *Neck.*—Measured from the center of button parallel to the neckline to far end of buttonhole. (*N*, fig. 1.)

5.1.2 *Chest.*—Twice the distance across the buttoned-up shirt, measured to its outer limits, 1 inch below the bottom of armhole. (*C*, fig. 1.)

5.1.3 *Length*.—Measured from the highest point of the yoke to the bottom of the shirt when the front and back lengths are even at the bottom. (*L*, fig. 1.)

5.1.4 *Armhole girth*.—Twice the distance across the sleeve at armhole, measured in a straight line from top to bottom of armhole. (*A*, fig. 1.)

5.1.5 *Yoke width*.—Measured across bottom of yoke where it joins body of garment. (*Y*, fig. 1.)

5.1.6 *Sleeve length*.—Measured from top center of yoke to bottom of cuff. (*S*, fig. 1.)

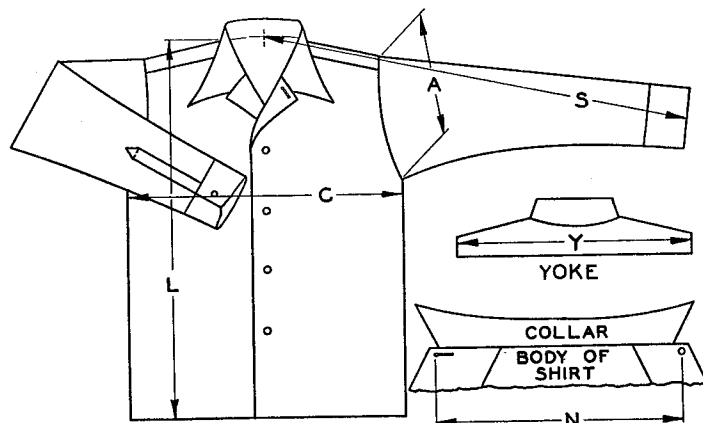


FIGURE 1. Boys' sport shirt.

TABLE 1. Standard body measurements of boys, and garment measurements for sport shirts

Size (number).....	4	6	8	10	12	14	16	18	20	
CS155-50 Body Measurements										
Height of boy.....in.	40	46	50	54	58	61	64	66	68	
Weight of boy.....lb.	38	49	59	73	87	100	115	126	138	
Neck of boy <sup>1</sup> .....in.	10½	11	11½	12	12½	13	13½	14	14½	
Measurement	Garment Measurements <sup>2</sup> (in.)									Tolerances (in.)
Neckline (min.).....( <i>N</i> )	11½	12	12½	13	13½	14	14½	15	15½	+¼
Chest <sup>3</sup> .....( <i>C</i> )	27	29	31	33	35	37	39	41	43	±½
Length.....( <i>L</i> )	17	18½	20	21½	23	24½	26	27	28	±½
Armhole girth.....( <i>A</i> )	12	13	14	15	16	17	17¾	18½	19¼	±½
Yoke width.....( <i>Y</i> )	11½	12¼	13	13¾	14½	15¼	15¾	16¼	16¾	±¼
Sleeve length.....( <i>S</i> )	19	21½	23½	25½	27½	29½	31½	32½	33½	±½

<sup>1</sup> This neck measurement is based on the "neck base" measurement in CS155-50, but is made smaller to represent the measurement of the boy at his normal neckband level.

<sup>2</sup> Shirts made to these measurements will fit boys' body measurements specified in CS155-50. They allow for a shrinkage of not more than 1 percent. For nonpreshrunk fabrics additional compensating allowances must be made.

<sup>3</sup> Width across bottom of shirt at least as wide as the chest measurement.

## 5.2 BOYS' DRESS SHIRTS.

5.2.1 *Neckband*.—Measured from the center of button to far end of buttonhole. (*N*, fig. 2.)

5.2.2 *Chest*.—Twice the distance across the buttoned-up shirt, measured to its outer limits, 1 inch below the bottom of armhole. (C, fig. 2.)

5.2.3 *Length*.—Measured from the highest point of the yoke to the bottom of the shirt when the front and back lengths are even at the bottom. (L, fig. 2.)

5.2.4 *Armhole girth*.—Twice the distance across the sleeve at armhole, measured in a straight line from top to bottom of armhole. (A, fig. 2.)

5.2.5 *Yoke width*.—Measured across bottom of yoke where it joins body of garment. (Y, fig. 2.)

5.2.6 *Sleeve length*.—Measured from top center of yoke to bottom of cuff. (S, fig. 2.)

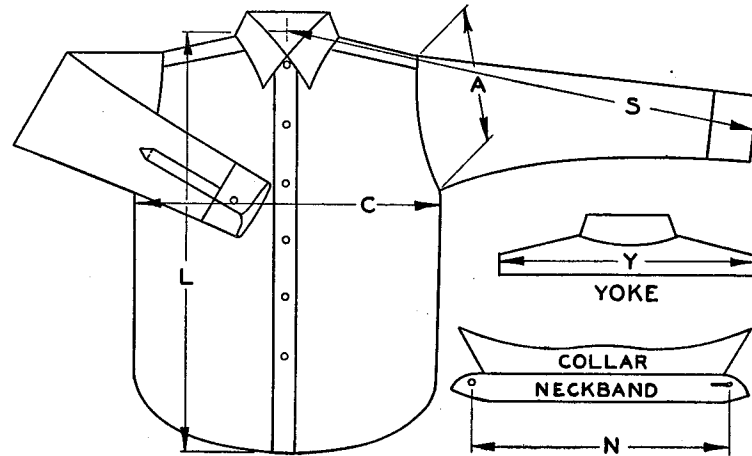


FIGURE 2. Boys' dress shirt.

TABLE 2. Standard body measurements of boys, and garment measurements for dress shirts

Size (number).....	4	6	8	10	12	14	16	18	20	
CS155-50 Body Measurements										
Height of boy.....in..	40	46	50	54	58	61	64	66	68	
Weight of boy.....lb..	38	49	59	73	87	100	115	126	138	
Neck of boy <sup>1</sup> .....in..	10½	11	11½	12	12½	13	13½	14	14½	
Measurement	Garment Measurements <sup>2</sup> (in.)									Tolerances (in.)
Neckband.....(N)	11	11½	12	12½	13	13½	14	14½	15	+¼
Chest <sup>3</sup> .....(C)	27	29	31	33	35	37	39	41	43	±½
Length.....(L)	19	21	22½	24	26	27½	29	30	31	±½
Armhole girth.....(A)	12	13	14	15	16	17	17¾	18½	19¼	±½
Yoke width.....(Y)	11½	12¼	13	13¾	14½	15¼	15¾	16¼	16¾	±¼
Sleeve length.....(S)	19	21½	23½	25½	27½	29½	31½	32½	33½	±½

<sup>1</sup> This neck measurement is based on the "neck base" measurement in CS155-50, but is made smaller to represent the measurement of the boy at his normal neckband level.

<sup>2</sup> Shirts made to these measurements will fit boys' body measurements specified in CS155-50. They allow for a shrinkage of not more than 1 percent. For nonpreshrunk fabrics additional compensating allowances must be made.

<sup>3</sup> Width across shirt 2 inches above gusset at least as wide as the chest measurement.

## 6. IDENTIFICATION

NOTE.—These sport and dress shirt standards are based on a new "height-weight" sizing system. The heights and weights given are the "yardstick" for the corresponding size designations set forth in this standard, and identify the boy with the sizing system given in Commercial Standard 155-50. In addition, a critical measurement is used to assist the consumer in purchasing the correct size.

Different critical measurements may be used for different garments; for example, in union suits the vertical trunk girth; in trousers the waist girth; in outerwear the chest girth, etc.

In shirts the critical measurement is the neck girth.

If a boy is 54 inches tall and weighs 73 pounds, he is a size 10 boy, and would normally buy a size 10 shirt, with a 12-inch neck measurement. However, he might have a slightly smaller or larger neck; therefore it would be advisable to consider the neck size carefully before purchasing a shirt.

6.1 In order to assure purchasers that the shirts they buy conform to this commercial standard, it is recommended that catalog and sales literature carry the following statement:

Sizes of -----  
*Boys' Sport Shirts or Boys' Dress Shirts*  
are made in accordance with Commercial Standard CS14-51, as developed by the trade under the procedure of the Commodity Standards Division, and issued by the U. S. Department of Commerce.

6.2 In order to assure consumers that the shirt purchased conforms to this "height-weight" sizing system, it is recommended that the garment be identified by a sticker, tag, hanger, or other label attached to it carrying the following statement:

SIZE -----, CS14-51  
HEIGHT -----, WEIGHT -----, NECK -----

## 7. EFFECTIVE DATE

7.1 Having been passed through the regular procedure of the Commodity Standards Division, and approved by the acceptors hereinafter listed, this commercial standard was issued by the United States Department of Commerce, effective from July 1, 1951.

EDWIN W. ELY,  
*Chief, Commodity Standards Division.*

## HISTORY OF PROJECT

*First edition.*—Pursuant to a request from the National Boys' Blouse & Shirt Manufacturers Association, a division of the International Garment Manufacturers Association, a general conference of manufacturers, distributors, and buyers was held on April 17, 1929, in Washington, D. C., to consider the establishment of a commercial standard covering minimum measurements for boys' blouses, button-on waists, shirts, and junior shirts.

The commercial standard, designated CS14-31, met with the approval of those concerned, and became effective for new production and clearance of existing stocks on January 1, 1931.

*First revision.*—On October 20, 1938, the standing committee recommended the addition of specifications for boys' polo shirts, the elimina-

tion of boys' blouses, and a standard system of button spacings for boys' button-on waists. The standard as modified by these changes was subsequently accepted, and approved by those directly concerned, for promulgation as Commercial Standard 14-39, effective for new production from August 15, 1939.

*Second revision.*—On November 27, 1942, at the request of the Office of Price Administration, the standing committee recommended a reduction in the waist measurements of boys' button-on waists, sizes 7, 8, 9, and 10; a reduction in the length of boys' waists, boys' shirts, size 14½, and boys' sport (in or out) shirts. It was also recommended that the classification "boys' polo shirts" be changed to "boys' sport (in or out) shirts."

Upon receipt of written acceptances from a satisfactory majority of those concerned, the recommended revision was approved for promulgation as Commercial Standard 14-43, Boys' Button-on Waists, Shirts, Junior and Sport Shirts, effective from August 20, 1943.

*Third revision.*—On July 27, 1949, the Boys' Apparel & Accessories Manufacturers' Association, Inc. submitted new sport and dress shirt size measurements with the request that CS14-43 be revised. These new measurements, which also had been endorsed by the Boys' Apparel Buyers' Association, were based on the body measurements for the sizing of boys' apparel as given in Commercial Standard 155.

The proposed revision was approved by an augmented standing committee, reflecting the old and the new interests. With the committee's authorization, a recommended revision of CS14-43 was circulated to the trade for acceptance on January 26, 1950.

Since that time signed acceptances representing adequate support by manufacturers, distributors, and consumers have been received. On August 22, 1950, an announcement was issued that the recommended revision had been approved for promulgation by the United States Department of Commerce, effective for the industry from July 1, 1951. The revised standard is designated CS14-51, Boys' Sport and Dress Shirt (Woven Fabrics) Size Measurements.

*Project Manager:* MANSFIELD LONIE, Commodity Standards Division, Office of Industry and Commerce.

*Technical Adviser:* RICHARD S. CLEVELAND, Organic and Fibrous Materials Division, National Bureau of Standards.

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#### STANDING COMMITTEE

The following individuals comprise the membership of the standing committee, which is to review, prior to circulation for acceptance, revisions proposed to keep the standard abreast of progress. Comment concerning the standard and suggestions for revision may be addressed to any member of the committee or to the Commodity Standards Division, Office of Industry and Commerce, United States Department of Commerce, which acts as secretary for the committee.

*Manufacturers:*

ROBERT L. HAYS, Kaynee Co., 6925 Aetna Road, Cleveland, Ohio (Chairman).

LEO GREENBERG, Charles Greenberg & Sons, 1107 Broadway, New York, N. Y.  
STANLEY F. GUTHUNZ, Reliance Manufacturing Co., 212 W. Monroe Street, Chicago, Ill.

DAVID KURTZ, David Kurtz & Co., 1239 Broadway, New York, N. Y.  
SOL LANGER, The Rob Roy Co., Inc., 1239 Broadway, New York, N. Y.  
M. J. LOVELL, National Association of Shirt, Pajama and Sportswear Manufacturers, 276 Fifth Avenue, New York, N. Y.  
CHARLES MILLER, Elder Manufacturing Co., Thirteenth & Lucas Streets, St. Louis, Mo.  
MORTON SAVADA, Savada Bros., 1115 Broadway, New York, N. Y.  
LEON SINGER, Boys' Apparel & Accessories Manufacturers' Association, 347 Fifth Avenue, New York 16, N. Y.

*Distributors:*

W. J. GINSBURG, Sears, Roebuck & Co., 925 South Homan Avenue, Chicago, Ill. (representing Mail Order Association of America).  
OSCAR KARREL, Lord & Taylor, 324 Fifth Avenue, New York 18, N. Y. (representing Boys' Apparel Buyers' Association).  
LOUIS ROTHSCHILD, National Association of Retail Clothiers and Furnishers, 527 Washington Loan & Trust Building, Washington 1, D. C.  
A. D. THOMPSON, J. J. Newberry Co., 245 Fifth Avenue, New York, N. Y. (representing Limited Price Variety Stores Association).  
Miss SHIRLEY TROSK, Boys' Apparel Buyers' Association, 350 Fifth Avenue, New York, N. Y.

*Consumers:*

Dr. W. E. COUGHLIN, Good Housekeeping Institute, 959 Eighth Avenue, New York, N. Y.  
Mrs. ERNEST H. DANIEL, Broad Branch and Grant Roads NW., Washington 8, D. C. (representing General Federation of Women's Clubs).  
Mrs. MARGARET H. KINGSBURY, Bureau of Indian Affairs, Department of the Interior, Washington, 25, D. C.  
Mrs. RITA TURKEL, 10 Monroe Street, New York 2, N. Y. (representing United Parents Associations of New York City, Inc.).



# ACCEPTANCE OF COMMERCIAL STANDARD

If acceptance has not previously been filed, this sheet properly filled in, signed, and returned will provide for the recording of your organization as an acceptor of this commercial standard.

Date.....

Commodity Standards Division,  
Office of Industry and Commerce,  
U. S. Department of Commerce,  
Washington 25, D. C.

Gentlemen:

We believe that the Commercial Standard 14-51 constitutes a useful standard of practice, and we individually plan to utilize it as far as practicable in the

production<sup>1</sup>                      distribution<sup>1</sup>                      purchase<sup>1</sup>                      testing<sup>1</sup>

of boys' sport and dress shirts. We reserve the right to depart from it as we deem advisable.

We understand, of course, that only those articles which actually comply with the standard in all respects can be identified or labeled as conforming thereto.

Signature of authorized officer.....  
(In ink)

(Kindly typewrite or print the following lines)

Name and title of above officer.....

Organization.....  
(Fill in exactly as it should be listed)

Street address.....

City, zone, and State.....

<sup>1</sup> Underscore which one. Please see that separate acceptances are filed for all subsidiary companies and affiliates which should be listed separately as acceptors. In the case of related interests, trade associations, trade papers, etc., desiring to record their general support, the words "General Support" should be added after the signature.

## TO THE ACCEPTOR

The following statements answer the usual questions arising in connection with the acceptance and its significance:

1. *Enforcement.*—Commercial standards are commodity specifications voluntarily established by mutual consent of those concerned. They present a common basis of understanding between the producer, distributor, and consumer and should not be confused with any plan of governmental regulation or control. The United States Department of Commerce has no regulatory power in the enforcement of their provisions, but since they represent the will of the interested groups as a whole, their provisions through usage soon become established as trade customs, and are made effective through incorporation into sales contracts by means of labels, invoices, and the like.

2. *The acceptor's responsibility.*—The purpose of commercial standards is to establish, for specific commodities, nationally recognized grades or consumer criteria, and the benefits therefrom will be measurable in direct proportion to their general recognition and actual use. Instances will occur when it may be necessary to deviate from the standard and the signing of an acceptance does not preclude such departures; however, such signature indicates an intention to follow the commercial standard where practicable in the production, distribution, or consumption of the article in question.

3. *The Department's responsibility.*—The major function performed by the Department of Commerce in the voluntary establishment of commercial standards on a Nation-wide basis is fourfold: first, to act as an unbiased coordinator to bring all interested parties together for the mutually satisfactory adjustment of trade standards; second, to supply such assistance and advice as past experience with similar programs may suggest; third, to canvass and record the extent of acceptance and adherence to the standard on the part of producers, distributors, and users; and fourth, after acceptance, to publish and promulgate the standard for the information and guidance of buyers and sellers of the commodity.

4. *Announcement and promulgation.*—When the standard has been endorsed by a satisfactory majority of production or consumption in the absence of active valid opposition, the success of the project is announced. If, however, in the opinion of the standing committee or of the Department of Commerce, the support of any standard is inadequate, the right is reserved to withhold promulgation and publication.

## ACCEPTORS

The organizations listed below have individually accepted this standard for use as far as practicable in the production, distribution, or use of boys' sport and dress shirts. In accepting the standard they reserved the right to depart from it as they individually deem advisable. It is expected that garments which actually comply with the requirements of this standard in all respects will be regularly identified or labeled as conforming thereto, and that purchasers will require such specific evidence of conformity.

### ASSOCIATIONS

#### (General Support)

Boys' Apparel & Accessories Manufacturers' Association, New York, N. Y.  
Boys' Apparel Buyers' Association, The, New York, N. Y.  
National Association of Retail Clothiers & Furnishers, Washington, D. C.  
Philadelphia Boys & Juvenile Manufacturers' Association, Philadelphia, Pa.  
Philadelphia Shirt & Pajama Manufacturers' Association, Philadelphia, Pa.

### FIRMS AND OTHER INTERESTS

Ailey Manufacturing Co., Ailey, Ga.  
Anvil Brand, Inc., High Point, N. C.  
Arbuthnot-Stephenson Co., Pittsburgh, Pa.  
Arkwright, Inc., New York, N. Y.  
Artvogue of California, San Francisco, Calif.  
Avery, Thomas W., Clifton, N. J.  
Barry, Ken, Inc., New York, N. Y.  
Baumann, Ludwig, New York, N. Y.  
Bean, C. W., & Son, Facolet, S. C.  
Benjamin's, Inc., New Rochelle, N. Y.  
Berger, John, Inc., New York, N. Y.  
Blough Manufacturing Co., Harrisburg, Pa.  
Blue Anchor Overall Co., Inc., Philadelphia, Pa.  
Bon Marche, The, Seattle, Wash.  
Bonck, J. H., Co., Inc., New Orleans, La.  
Bond Stores, Inc., Rochester, N. Y.  
Browning-King Co., New York, N. Y., and Omaha, Nebr.  
Byrd's, Inc., Houston, Tex.  
California, University of, Berkeley, Calif.  
Carter & Churchill Co., Lebanon, N. H.  
Central Co-operative Wholesale, Superior, Wis.  
Chic Patterns, New York, N. Y.  
Cohen Bros., Jacksonville, Fla.  
Colonial Shirt Corp., Woodbury, Tenn.  
Congress Sportswear Co., Boston, Mass.  
Crowley-Milner & Co., Detroit, Mich.  
Crown Manufacturing Co., Inc., San Francisco, Calif.  
Croyden Shirt Co., Inc., New York, N. Y.  
Delaware, University of, Newark, Del. (General support.)  
Demery & Co., Detroit, Mich.  
Dixie Merchandise Co., Inc., New York, N. Y.  
Don Rancho, Jr., Los Angeles, Calif.  
Durable Sportswear Co., Inc., Lynbrook, N. Y.  
Eagle Bros., New York, N. Y.  
Elder Manufacturing Co., St. Louis, Mo.  
Ellen H. Richards Institute, Pennsylvania State College, State College, Pa. (General support.)  
Esskay Manufacturing Co., San Antonio, Tex.  
Ess-Tee Knitting Mills, Inc., Lowell, Mass.  
Evans, John P., Pomona, Calif.  
Every Buddy's Blouse Co., New York, N. Y.  
Finkelstein, Jacob, & Sons, Woonsocket, R. I.  
Fishman, M. H., Co., Inc., 5c to \$1.00 Stores, New York, N. Y.  
Florida State University, School of Home Economics, Tallahassee, Fla.  
Freeman, David, & Son, Inc., Chicago, Ill.  
Gable, William F., Co., The, Altoona, Pa.  
Garfinkel, Julius, & Co., Washington, D. C.  
Gavin-McCarthy Inc., Olean, N. Y.  
Gertz, B. Jamaica, L. I., N. Y.  
Gilbert, Ray, Clothes, Inc., St. Louis, Mo.  
Gimbels, Inc., New York, N. Y.  
Goldblatt Bros., New York, N. Y.  
Grant, Gail G., Co., Painesville, Ohio.  
Grant, W. T., Co., New York, N. Y.  
Greenberg, Charles, & Sons, New York, N. Y.  
Griffin Knitting Mills, Inc., Griffin, Ga.  
Grosner of 1325 F Street, Washington, D. C.

Harris Stores Co., Pittsburgh, Pa.  
Harvard Bazar, Inc., Cambridge, Mass.  
Hatch Textile Research, New York, N. Y.  
Hathaway, C. F., Co., Waterville, Maine.  
Hecht Co., The, New York, N. Y.  
Henderson & Erwin, Charlottesville, Va.  
Higbee Co., Inc., New York, N. Y.  
Hi-Line Co., Inc., New York, N. Y.  
His Nibs Shirt Corp., Souderton, Pa.  
Hortex Manufacturing Co., Inc., El Paso, Tex.  
Hub, The (Mansbach Bros., Inc.), Norfolk, Va.  
Hudson, J. L., Co., The, Detroit, Mich.  
Hy-Art, Inc., Los Angeles, Calif.  
Industrial By Products & Research Co., Philadelphia, Pa.  
Interstate Department Stores, Inc., New York, N. Y.  
Jablow, I., & Co., Inc., Philadelphia, Pa.  
Jackets, Ltd., Boston, Mass.  
Jacobson, I., & Son, Lynbrook, L. I., N. Y.  
Jahraus Braun Co., Buffalo, N. Y.  
Janesville Clothing Co., Janesville, Wis.  
Kaufmann's Department Store, Inc., Pittsburgh, Pa.  
Kaynee Co., The, Cleveland, Ohio.  
King Clothing Co., New York, N. Y.  
King's, Inc., Johnson City, Tenn.  
Kirby, Block & Co., Inc., New York, N. Y.  
Kugelman's, Woodsville, N. H.  
Kurtz, David, Co., New York, N. Y.  
Lazarus, F. & R., & Co., Columbus, Ohio. (General support.)  
Lee Manufacturing Co., San Gabriel, Calif.  
Leeds (York.) College of Technology, Leeds, England.  
Leon's, Kingston, N. Y.  
Leventhal, Julius, & Bros., New York, N. Y.  
LiFaleo Manufacturing Co., Inc., Little Falls, N. Y.  
Lincoln Textiles, Inc., Merrill, Wis.  
Lit Bros., Philadelphia, Pa.  
Lord & Taylor, New York, N. Y.  
Lubell Bros., Inc., New York, N. Y.  
Lucky Boy Shirt Co., New York, N. Y.  
Ludwig Baumann, New York, N. Y.  
Macy, R. H., & Co., Inc., New York, N. Y.  
Mangel Stores, Inc., New York, N. Y.  
Marlboro Shirt Co., Baltimore, Md.  
Marston Co., The, San Diego, Calif.  
Martin, T. S., Co., Sioux City, Iowa.  
Maxon Shirt Corp., Greenville, S. C.  
McCaery, James, & Co., New York, N. Y.  
Mead, Chas. N., Co., The, Scarsdale, N. Y.  
Metro of California, Los Angeles, Calif.  
Meyer, A. I., Corp., Boston, Mass.  
Meyer, P. A., & Sons, Erie, Pa.  
Middletown Knitting Mills, Inc., Middletown, N. Y.  
Minnesota, University of, St. Paul, Minn.  
Monarch Co., The, Atlanta, Ga.  
Montana State University, Missoula, Mont.  
Mount Aetna Manufacturing Co., Mount Aetna, Pa.  
Myers Bros., Springfield, Ill.  
National Bellas Hess, Inc., North Kansas City, Mo.  
Newberry, J. J., Co., New York, N. Y.  
Outlet, The, Inc., Boston, Mass.  
Peasinger Bros., Omaha, Nebr.  
Pennsylvania, Commonwealth of, Department of Property & Supplies, Harrisburg, Pa.  
Pennsylvania State College, State College, Pa.  
Perfect Neckband Corp., New York, N. Y.  
Plymouth Sportswear Co., Inc., Fall River, Mass.  
Fogues, H. & S., Co., The, Cincinnati, Ohio.  
Racine Shirt Co., Inc., South Bend, Ind.  
Radbord Bros., Pittsburgh, Pa.  
Red Kap Garment Co., Nashville, Tenn.  
Reed's, Jacob, Sons, Philadelphia, Pa.  
Regent Co., Inc., New York, N. Y.  
Reliance Manufacturing Co., Chicago, Ill.  
Rhodes Bros., Tacoma, Wash.  
Rob Roy Co., Inc., New York, N. Y.  
Rock-A-Bye Shop, New York, N. Y.  
Royal Manufacturing Co., Inc., Allentown, Pa.

Royal Men's Sportswear, Inc., Buffalo, N. Y.  
 Samfeld Manufacturing Co., Inc., Chicago, Ill.  
 Savada Bros., Inc., New York, N. Y.  
 Sea Island Shirts, Inc., New York, N. Y.  
 Sears, Roebuck & Co., Chicago, Ill.  
 Sherrod Shirt Co., High Point, N. C.  
 Silversteins, New Orleans, La.  
 Singer Sewing Machine Co., New York, N. Y.  
 Solomon, Marshall I. Co., Birmingham, Ala.  
 Sorbeau Juvenile Manufacturing Co., Dubuque,  
 Iowa.  
 Spiegel, Inc., Chicago, Ill.  
 Splendid Shirt Co., New York, N. Y.  
 Stahl Urban Co., Brookhaven, Miss. (General  
 support.)  
 Stephen F. Austin State College, Nacogdoches, Tex.  
 Stern Bros., New York, N. Y.  
 Stewart & Co., Inc., Baltimore, Md.  
 Stewart Dry Goods Co., Louisville, Ky.  
 Strawbridge & Clothier, Philadelphia, Pa.  
 Strouse Baer Co., The, Baltimore, Md.  
 Style Shirt Co., Providence, R. I.  
 Tamon Sportswear Co., Los Angeles, Calif.  
 Tennessee Overall Co., Inc., Tullahoma, Tenn.  
 Teverbaugh, Fred, Store for Boys, Evanston, Ill.  
 Tompkins Enterprises, Inc., West New Brighton,  
 S. I., N. Y.  
 Troy Sportswear Co., San Francisco, Calif.  
 Turk, N., Van Nuys, Calif.  
 Undies, Inc., New York, N. Y.  
 United States Testing Co., Inc., Hoboken, N. J.  
 Walker Stetson Co., Boston, Mass.  
 West Virginia University, Morgantown, W. Va.  
 (General support.)  
 Western Reserve University, Cleveland, Ohio.  
 (General support.)  
 Wilgo Manufacturing Co., Inc., Woonsocket, R. I.  
 Wilker Bros. Co., New York, N. Y.  
 Wilson Shirt Co., Atlanta, Ga.  
 Wirk Garment Corp., Ligonier, Ind.  
 Wolf & Dessauer, Fort Wayne, Ind.  
 Woodward & Lothrop, Washington, D. C.  
 Woolworth, F. W., Co., New York, N. Y.  
 Wyoming, University of, Division of Home Eco-  
 nomics, Laramie, Wyo.  
 Youngwear, Inc., New York, N. Y.  
 Youth Apparel Corp., Columbus, Ohio.

#### U. S. GOVERNMENT

Agriculture, U. S. Department of, Division of Pur-  
 chase, Sales, and Traffic, Washington, D. C.